

19990423.qrp v01_n435.qrl.990423

Date: Fri, 23 Apr 1999 19:03:18 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1435

QRP-L Digest 1435

Topics covered in this issue include:

- 1) [38737] Dallas QRP Group?
by WA5ACF@aol.com
- 2) [38738] Re: SWL DSW
by "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
- 3) [38739] QRPTTF 10/15 meter openings
by jmbrown@edge.net (JERRY BROWN)
- 4) [38740] HamCom Regenerators
by Bruce Muscolino <w6toy@erols.com>
- 5) [38741] Re: QRPTTF
by "Robert Friess" <rfriess@ibm.net>
- 6) [38742] NC20 prob-the lowly bypass cap??
by Joseph Trombino Jr <joebarb@wilmington.net>
- 7) [38743] QRPTTF - SSB
by Kenneth R Wezeman <n9qil@juno.com>
- 8) [38744] Re: Newsgroups and Email Reflectors
by "George T. Baker" <w5yr@swbell.net>
- 9) [38745] QRP-TTF from Baton Rouge
by James R Giammanco <n5ib@juno.com>
- 10) [38746] QRP Rig Carrying Case
by W0rw@kktv.com
- 11) [38747] Roof Antenna??
by Tim Ahrens <tahrens@hilconet.com>
- 12) [38748] Re: Newsgroups and Email Reflectors
by ka7you@juno.com
- 13) [38749] NC20 prob...the lowly bypass cap??
by "David D. Meacham" <ddm@datatamers.com>
- 14) [38750] SPRING BOUQUET--- Wild Rose
by Peter Larsen <larsenp@cadvision.com>
- 15) [38751] Re: Dallas QRP Group?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 16) [38752] Re: Newsgroups and Email Reflectors
by "John Moriarity" <k6qq@hdo.net>
- 17) [38753] Four Corners QRPTTF-4 with one Blow!!!
by "James R. Duffey" <jamesd1@flash.net>
- 18) [38754] RE: Congratulations 160 meter QRPers
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 19) [38755] QRPTTF @ KL7 / VY1 Border...

- by Alaska QRP Club <akqrp@eagle.ptialaska.net>
- 20) [38756] AW: Funkamateur PA
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 21) [38757] Fw: Congratulations 160 meter QRPers
by "Dan Wolfe" <n4roa@mounet.com>
- 22) [38758] Mobile Power Wiring - Wrong List, Sorry
by "Brian J Keegan" <brimail@home.com>
- 23) [38759] New Rig Today! FT-100
by "Paul R. Valko" <prvalko@oakland.edu>
- 24) [38760] QRPTTF PA ops.
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 25) [38761] Kitano Keys
by Mercxx@aol.com
- 26) [38762] PC-9000, First Impressions
by Joseph Mikuckis <k3chp@erols.com>
- 27) [38763] TTF
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 28) [38764] Re: [Metal] Roof antenna
by w4pj@w4bkx.ampr.org
- 29) [38765] MFJ 9420
by Rogerio Gonzaga <gonzaga@med.up.pt>
- 30) [38766] RE: MFJ 9420
by Chuck Leskie <cleskie@um-f1.umd.umich.edu>
- 31) [38767] Re: Ballantine Scope and Counter
by Jim Lyons <lyons@canada.com>
- 32) [38768] Re: Newsgroups and Email Reflectors
by Bruce Ratray <ratray@gpfn.sk.ca>
- 33) [38769] NC20 prob and the lowly bypass cap
by Joseph Trombino Jr <joebarb@wilmington.net>
- 34) [38770] Contest Software
by Bill Nicolson <n2wf@erols.com>
- 35) [38771] Test
by "Steven K. Anspach" <spach@ida.net>
- 36) [38772] Spring Bouquet in Quebec
by Jim Lyons <lyons@canada.com>
- 37) [38773] Spring Bouquet
by Bruce Ratray <ratray@gpfn.sk.ca>
- 38) [38774] Re: Contest Software
by Paul Erickson <paule@sfu.ca>
- 39) [38775] Spring Bouquet in B.C.
by Paul Erickson <paule@sfu.ca>
- 40) [38776] Spring Bouquet-Sunday-
by Bruce Ratray <ratray@gpfn.sk.ca>
- 41) [38777] Re: Contest Software
by Hank Kohl K8DD <k8dd@contesting.com>
- 42) [38778] Accessing Amidon
by Karl.Kanalz@optelinc.com
- 43) [38779] Toroid Turns Calculation Link?

- by wgabriel@dukeengineering.com
- 44) [38780] CORRECTION - On Toroid Calculator Question
by wgabriel@dukeengineering.com
- 45) [38781] Re: Newsgroups and Email Reflectors
by Chris Trask <ctrask@primenet.com>
- 46) [38782] Re: Toroid Turns Calculation Link?
by "Gary Ingram" <kb7fci@cdsnet.net>
- 47) [38783] Re: Contest Software
by Bob Patten <n4bp@bc.seflin.org>
- 48) [38784] more QRP rig carrying cases
by Goemans <jgoemans@facstaff.wisc.edu>
- 49) [38785] Re: Contest Software
by Bob Patten <n4bp@bc.seflin.org>
- 50) [38786] re: C F Rockey and regen recievers
by Goemans <jgoemans@facstaff.wisc.edu>
- 51) [38787] Re: Toroid Turns Calculation Link?
by Bruce Kizerian <kizerian@ced.utah.edu>
- 52) [38788] Convert SWR meter to UHF ?
by Jim Hale <kj5tf@yahoo.com>
- 53) [38789] QRPTTF at WB5UDE
by Jim Glover <psykey@okcforum.org>
- 54) [38790] Toroids almanac
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 55) [38791] Re: Newsgroups and Email Reflectors
by Ron Stark <ku7y@dri.edu>
- 56) [38792] Re: Newsgroups and Email Reflectors
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 57) [38793] Keyer suggestions needed
by Bob DeVarney WE1U <we1u1@banet.net>
- 58) [38794] new K2 firmware will provide 10 CW buffers
by Wayne Burdick <n6kr@elecraft.com>
- 59) [38795] Re: Newsgroups and Email Reflectors
by James Parsons <k5rov@wcc.net>
- 60) [38796] Re: Newsgroups and Email Reflectors
by w4bws@juno.com
- 61) [38797] Re: CORRECTION - On Toroid Calculator Question
by "Charles R. Ott" <k5hj@fastlane.net>
- 62) [38798] Re: Toroid Turns Calculation Link?
by Bruce Muscolino <w6toy@erols.com>
- 63) [38799] Old rigs
by "Mike W. Burger" <mike@gold.chem.hawaii.edu>
- 64) [38800] Re: Suggestions for small QRP transceiver
by Laura Halliday <lha@sdr.utias.utoronto.ca>
- 65) [38801] Re: new K2 firmware will provide 10 CW buffers
by "Radman" <radman@best.com>
- 66) [38802] Fw: (fwd)
by "Jay D. Hall" <jaydhall@worldnet.att.net>
- 67) [38803] Toroids on sale at Tech America

by Dave Ek <ekdave@earthlink.net>
68) [38804] Rules Change for Field Day
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
69) [38805] Joke gone awry!
by "Jay D. Hall" <jaydhall@worldnet.att.net>
70) [38806] Re: Bearings, distances, grids, MUFs, etc.
by John R Kirby <n3aaz-qrp@juno.com>
71) [38807] bow-K
by Bill Down <ve5hq@gpfn.sk.ca>
72) [38808] bow-K (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
73) [38809] Re: more QRP rig carrying cases
by "David Hurley, n2zhy" <n2zhy@amsat.org>
74) [38810] Re: [Metal] Roof antenna
by Bill Schiller <schiller@cherokee.nsuok.edu>
75) [38811] Re: Keyer suggestions needed
by tom whalen <wb5qyt@eFortress.com>
76) [38812] Modern Military Communications
by RangerSF5@aol.com
77) [38813] SW40+ final transistor -- think I blew it
by Andy C Meng <andymeng@juno.com>
78) [38814] Forgot... Receiver sensitivity quite low
by Andy C Meng <andymeng@juno.com>
79) [38815] Kool Contact with Hilo, HI !!
by jcs4us@cosmoaccess.net
80) [38816] Wiring SCAF with mini coax
by Richard Sherman <srichard@aldus.northnet.org>

Date: Thu, 22 Apr 1999 19:18:11 EDT
From: WA5ACF@aol.com
To: qrp-l@lehigh.edu
Subject: [38737] Dallas QRP Group?
Message-ID: <5b67dc7d.24510833@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there a local QRP group in Dallas or the general area

Tom WA6ACF

Date: Fri, 23 Apr 1999 08:40:13 +0900
From: "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>

To: "QRP-I ML" <qrp-1@Lehigh.EDU>
Subject: [38738] Re: SWL DSW
Message-ID: <199904222342.IAA15553@inv.co.jp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello this is JG1RVN Toru in Tokyo.

(1) Digital Small Wonder's transeiver

I visited S.W.L.'s homepage then found DSW.
It seems very nice transeiver indeed.
I QSPed it Japanese QRP BBS and a lot of JA QRP'er
visited DSW page too. They said nice Digital QRP
transeiver indeed !

I am looking forward to DSW enclosure kit,
also request 15m version if possible.

Some of QRPer anxious about the name.
If he send 'MY RIG IS DSW', may be some of Russian
station may think it('DSW') means '73'.
(Of course don't worry!)

(2) QRPTTF

Now I should fly to Sapporo this afternoon
and will go back Tokyo Sunday.
SRI but I won't able to try QRPTTF this year.
Some of Japanse QRP'er will try 21MHz band, around
23Z-00Z for QRPTTF, please look for JA.
(They say, unfortunately no tacobell here, but
many many Seven-eleven convinience store here in Japan.)

72's

Toru Kato JG1RVN
jg1rvn@inv.co.jp

Date: Thu, 22 Apr 1999 18:57:10 -0500
From: jmbrown@edge.net (JERRY BROWN)
To: qrp-1@lehigh.edu
Subject: [38739] QRPTTF 10/15 meter openings

Message-ID: <371FB756.5E1C@edge.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPTTF'ers:

As a way to aid discovery of band openings in a more systematic fashion for 10 and/or 15 meter operations during QRPTTF, I SUGGEST the following operating strategy if the band(s) appear dead:

On 10 meters listen and call from approximately "10"-15 minutes after the hour and from approximately 15 to 10 minutes before the hour (these time windows are mirror images on the clock face).

On 15 meters listen and call from approximately "15"-20 minutes after the hour and from approximately 20 to 15 minutes before the hour (again, mirror images on the clock face).

I believe this "targeting" could improve scores, assuming one gets beyond the stations available on 40 and 20!

I hope to find more of you on 10 and 15 this year with my K-2 and Butternut vertical on a hot tin roof.

COMMENTS? CRITICISMS? SUGGESTIONS?

72,

Jerry, N4EO
TENNESSEE

Date: Thu, 22 Apr 1999 20:06:00 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@LEHIGH.EDU
Subject: [38740] HamCom Regenerators
Message-ID: <371FB968.70D7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I want to call your attention to a book by QRP's own C. F. Rockey called "Regenerative Receivers". 128 pages packed full of informative text and pictures describing the Regenerative Receiver. Don't just build one, learn something about how they work and where they came from. It is published by Lindsay Publications, Inc., of Bradley, Illinois. I am sure you can get it from the various book sellers on the list.

I have no affiliation with Lindsay or C. F. Rockey. I admire his work and I have owned the book for several years.

73

Date: Thu, 22 Apr 1999 17:07:56 -0700
From: "Robert Friess" <rfriess@ibm.net>
To: <jmbrown@edge.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38741] Re: QRPTTF
Message-ID: <000501be8d1d\$582c0340\$25cbfea9@bobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I came in late.

What is the contest period and what is the exchange?

My K2 is ready.

73,
Bob, N6CM

Date: Thu, 22 Apr 1999 20:09:43 -0400
From: Joseph Trombino Jr <joebarb@wilmington.net>
To: QRP-L@LEHIGH.EDU
Subject: [38742] NC20 prob-the lowly bypass cap??
Message-ID: <3.0.1.32.19990422200943.00685dcc@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings fellow QRP'ers:

Finished up my NC20 and proceeded to the alignment stages. I performed a rudimentary sensitivity check using my HP-8640B sig gen and was saddened to find that I could only hear the sig gen down to minus 120DB...the rig is spec'ed out at minus 135DB.

After a few frustrating hours of troubleshooting/visual examinations, I decided to get serious with the visual stuff so I put on my reading glasses, my visor/magnifier and finally looked thru the magnifier on my bench light. That brought everything into perspective:-)....I finally spotted a .1mfd cap (C23) that had a hairline crack in the body...a very slight tug with my needlenose and it broke in half. OK, so I found a bad cap but it appears to be only a "lowly bypass cap" for Q5, the RF preamp (the stage I initially suspected of being off)...no big deal!

I re-checked sensitivity and WOW--I could hear the sig gen down to at least minus 130DB!!

For the technical gurus on the list...am I missing something??? I find it hard to believe that an open bypass cap, albeit for the RF preamp (Q5), could cause a 30db change in sensitivity!! Is C23 really just a "lowly bypass cap"??? And in any event, would an open C23 cause a 30DB loss in sensitivity??? Isn't building wonderful, you learn something new everyday:-)

I have now developed a healthy respect for the "lowly bypass cap" (or whatever C23 might be masquerading as).

BTW, those little mono caps are VERY fragile...when bending the leads for insertion/soldering, I probably stressed the cap body and it cracked during construction. But my 54 years old eyes didn't see it at the time nor did my fingers feel the crack during insertion.

Anyone suffering from low sensitivity on the NC20 might want to re-check C23 for physical integrity.

BTW, I initially could only get 4 watts of RF output...after replacing C23 I re-tuned the TX section and got the normal 6-7 watts out....this is probably a reach, but could C23 have influenced the power supply in any way (RF getting into supply etc) or did I just catch the sweet-spot in re-tuning??

Would appreciate comments from the techies on the list as I am still scratching my head...perhaps the "lowly bypass cap" deserves more respect than I have given it over the years.

Many thanks in advance for any input to my query.

Joe W2KJ (North Carolina)

Date: Thu, 22 Apr 1999 19:51:12 -0500
From: Kenneth R Wezeman <n9qil@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [38743] QRPTTF - SSB

Message-ID: <19990422.195113.-327089.1.N9QIL@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

We plan to have an SSB rig along in addition to the CW rigs - just in case there is anyone interested. We plan to listen on 7.285, 14.285, and 21.385. Heck, we may even try 28.885 if we can feel the flux rising. Chances are we will concentrate on 20 (and 15) when we are on phone.

We'll be using the call sign "NY9A".

Hope to work you all - one mode or the other. Who knows, we might start something new.

Ken Wezeman, N9QIL - Mishawaka, IN
QRP ARCI #8191; QRP-L #1416; AK QRP #379

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 22 Apr 1999 20:29:50 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: b_bradfield@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38744] Re: Newsgroups and Email Reflectors
Message-ID: <371FCD0E.29D01295@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Happy days for me were back in the mid-50's at grad school at MIT on Saturday mornings when we would go to the FIRST and ONLY Radio Shack at 110 Washington Street (?) in Boston. Anything and everything connected with ham radio was to be found there. And, just as good was the little hole-in-the-wall electronic surplus store right next door! Anybody else old enough to remember all that?

72/73, George
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!

AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

"Brad Bradfield, PE" wrote:

> <snip>
> but I do
> remember the days when you could go to your local electronics parts
> house (pre-Rat Shack!) on Saturday mornings

Date: Thu, 22 Apr 1999 20:15:18 CDT
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@lehigh.edu
Subject: [38745] QRP-TTF from Baton Rouge
Message-ID: <19990422.201520.6359.0.N5IB@juno.com>

The Baton Rouge ARC will operate under its club call, W5GIX (the late Stan Preston) from the grounds of the Highland Road Park Observatory. No border multiplier or even a Taco Bell in sight but ...

This observatory has, in the past year, been the discoverer of 32 previously unknown asteroids (none of which, fortunately, will interfere with QRP-TTF) So..... will we be on a cosmological border... could there be a Taco Bell out there ... ??

I intend to produce a distinctive QSL, probably featuring the discovery image of one of the asteroids. Listen for us - 40, 20, 15, maybe 10.

Jim, N5IB

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: 22 Apr 1999 20:39:02 -0700
From: W0rw@kktv.com
To: qrp-l@lehigh.edu
Subject: [38746] QRP Rig Carrying Case
Message-ID: <199904230239.WAA11596@nss4.cc.Lehigh.EDU>

FYI,
i just switched from a soft bag case for my Sierra over to a hard plastic blow molded case...

These cases have precut foam inside that allow you to design your own drop in spaces.

My Sierra fits in the Platt Luggage Model 607.

The inside dimensions are 16" x 11" x 2 -7/8", The Sierra just fits vertically and has plenty of room for all the modules, key, and battery.

Platt is at www.plattcases.com (1-800-997-5288).

You can also find them in the Contact East catalog (#116-943),

Price is about \$30 plus shipping.

Check them out...

de w0rw

to: INT:qrp-1@lehigh.edu

cc: INT:cqc@mtechnologies.com

INT:nick.hulbert@lmco.com

INT:ppraanet@qth.net

Date: Thu, 22 Apr 1999 21:39:13 -0500

From: Tim Ahrens <tahrens@hilconet.com>

To: qrp-1@lehigh.edu

Subject: [38747] Roof Antenna??

Message-ID: <371FDD51.A15E48@hilconet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi folks - I'm back on 'normal' mode. Since things on the K2 beta list has slowed down a bunch, and the move stuff has also slowed, thought it would be nice to re-make acquaintances and meet the new folks on the list.

Anyhow, now for the question. The garage/office/shack is just about done, and it has a metal roof on it. I remember loading up windows and bed springs, but has anyone tried this one?! The area is about 1200 square feet of galvanized roof. I know this will probably make crummy connections, but wonder what kinda pattern I'd get. Hmmm, maybe I'll load it up for QRPTTF & see what happens!!

Oh well, another hair brain idea. Only have a dipole up at the new QTH.. after the garage is finished,, it's tower & phased verticals time.. just in time for the summer heat. Gotta get some stock in gaterade!

again, glad to be back.

cuall

Tim W5FN
Kerrville, TX

Date: Thu, 22 Apr 1999 22:58:38 EDT
From: ka7you@juno.com
To: w4bws@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [38748] Re: Newsgroups and Email Reflectors
Message-ID: <19990422.191843.6399.1.ka7you@juno.com>

Don,
Careful, the "Pot Belly" part hits pretty close to home...
Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 22 Apr 1999 20:04:29 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-1@lehigh.edu
Subject: [38749] NC20 prob...the lowly bypass cap??
Message-ID: <Pine.LNX.3.96.990422200002.13525D-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Joe,
My reply to you bounced. Here it is:

Joe,
I think it is 10dB change (-120 to -130dBm), not 30dB. It's significant, nonetheless. C23 establishes the RF ground point for the tuned-circuit inductor, L3. A 10dB change sounds reasonable to me. Glad you found the problem! I had a similar experience when I tried to straighten one of those axial caps...it broke right in half!
72, Dave, W6EMD

Date: Fri, 23 Apr 1999 03:06:47 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: earlmurf@telusplanet.net, Low Power <qrp-1@Lehigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [38750] SPRING BOUQUET--- Wild Rose
Message-ID: <371FD5B7.F21061CA@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All:
I plan to be on 14.285 +/- QRM from 19:00 z till when ever
I fall out of my chair ;-)
This will be on Satureday, During QTTF so I need to know
the exchange please.
See you all on 20 meters SSB.

--
73 es have fun
Peter
VE6YC D021wc

Artificial intelligence is no match for natural stupidity.

Date: Thu, 22 Apr 1999 22:27:26 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <WA5ACF@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38751] Re: Dallas QRP Group?
Message-ID: <000f01be8d39\$70425440\$7137a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, there is a group in the Dallas/Fort Worth area. It is the NORTEX QRP Club and it meets in Arlington once a month. More information can be found at the following:

<http://www.quadj.com/nortex.htm>

If you can't get the site let me know. We would be glad to meet you.

73,
Steve Yates
AA5TB
Fort Worth, TX
<http://home.swbell.net/aa5tb>
aa5tb@swbell.net

Date: Thu, 22 Apr 1999 21:17:26 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38752] Re: Newsgroups and Email Reflectors
Message-ID: <002c01be8d40\$327e1660\$1e424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I'm just a wee young pup, but I do remember using
>10m AM as the local area gathering place in the eve's!
>
Hey Ron,

Did you use a converted SCR-522 too??

72,

John, K6QQ

Date: Thu, 22 Apr 99 22:45:36 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38753] Four Corners QRPTTF-4 with one Blow!!!
Message-ID: <199904230447.XAA18653@crius.flash.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Just a reminder - I will be operating from the four corners of NM/AZ/CO/UT for QRPTTF. That is right - You can make one contact and receive 4 SPCs!! No other QRPTTF station can make that claim. Look for the Doctor operating KK6MC/5/7/0. Dr. Megacycle wants to work you!

I will try to operate all of the contest and mix the bands up so that everyone has a chance to work me. I will need to take periodic breaks so that the dog can walk me and for personal relief. *:^)

My operating plan calls for me to start on 40 M and work as many close in stations as I can before the band gets noisy and absorption sets in. I will try to get that CA contingent after the WSN closes-right ED? Then I will go to 20 M. I will periodically check 15 M to see if it is open. By checking I mean calling CQ for 5 to 10 minutes at a time even if I do not get a response. I will also come back to 40 M to check for newcomers. In FYBO I made 4 or 5 band changes an hour, and I expect that I will do close to that for QRPTTF.

Predictions are for the solar flux to be 110 on Saturday. This is a bit on the low side for 15 M to be open very much, but I expect that even at this relatively low solar flux the east coast will come in a bit past local noon on 15 M and the Northwest may come in towards the end of the contest on 15 M. Last year HI came for 5 minutes in the middle of the afternoon on 15 M and I will look for them again :^).

On the other hand, 20 M should be good to almost everywhere, and 40 M will not be as bad as if the solar flux were higher. It looks like 20 M will be the dominant band again.

I will be operating a TS-850 cranked down to 5 watts. The antenna will be parallel inverted vees at 20 ft.

My goal is to make 100 contacts, something I never have done in a QRP field contest, although I came close in FYBO (93 contacts). I call CQ and S&P, depending on which is more productive, so your chance of working me is pretty good if you are S&Ping or CQing.

I will be heading out for the four corners area tomorrow. I want to start the contest on time so I am traveling to Cortez CO and spending the night in a motel. It is a liesurely trip to the 4 corners from there, and I did like the food and drink at that brewpub. I think that the 4 corners area closes at sundown so I can plan on operating the whole contest period.

See you onthe bands Saturday. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5 DM65

30 Casa Loma Road
Cedar Crest NM 87008

Date: Thu, 22 Apr 1999 17:51:03 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [38754] RE: Congratulations 160 meter QRPers
Message-ID: <001901be8d23\$5cbb40a0\$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Let me add my congratulations to these EXPERT OPS. Qrp on
160 must be quite the challenge.

In addition, it is these folks that I believe are the true
160 Meter testers. As opposed for example to the side bar
"The Secret of K1ZM's success", listed in the same issue of
Qst. If you have not yet read it, let me save you some time.
The Secret is.....Money. It seems that Jeff travels down to
his Cape Cod home which he has completely outfitted for the
160 meter contests. Unfortunately, he only has room for two
antennas there, one being a 4 square inverted L array. For
his receiving antennas, he is limited to an "Assortment of
beverages and loops".

Sheesh! Kinda like racing a fully factory backed
Professional dragster, against my Dodge Dart!

Put 'em in Des Moines with a hunk of wire an SST, and a 12
volt battery and let's see how he does.

Anyway, in my opinion, in the Qrp category we all start with
the same self-imposed limitations. Sure, we could put up the
same antennas as Jeff however, most of us compete in
somewhat similar circumstances as to what we have hung in
the air. A Qrp contest is TRULY a skill contest.

So accept the kudos and congrats from the other folks, and
add my "attaboy" and "keep up the good work" right along
with 'em.

Roger KD6CC

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU
[mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
Ron Stark
Sent: Thursday, April 22, 1999 2:05 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Congratulations 160 meter QRPers

On Thu, 22 Apr 1999, Michael A. Gipe wrote:

> PS: Now guys, tell us about the antennas you used.

First let me congratulate WK3I on his great score! Over
100,000 points for the first time ever by a QRP station!

It was interesting to see that we have the same antennas.
My inverted vee also hangs off my tower at a about the 70'
mark. The ends are lower.....about 10-15' above the ground.

I was also running 5w.

Only 4 states needed for 160m QRP WAS, something that I
never
thought could be done from the west but no I know better!
:-)

160m QRP is a lot of fun. I hope more of you will be there
this fall.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 22 Apr 1999 23:02:26 -0800 (AKDT)
From: Alaska QRP Club <akqrp@eagle.ptialaska.net>

To: qrp-1@lehigh.edu
Subject: [38755] QRPTTF @ KL7 / VY1 Border...
Message-ID: <v03007801b34558cf490c@[208.151.118.92]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Final consultations were held this evening... Weather looks a little iffy but does not appear that we risk getting snowed in... Andre - KL7AC put a new starter on the Motorhome, only to find that the problem was a faulty ground... Andre and I will depart North Pole, AK. shortly after 9AM Friday morning and meet Dick - WL7VO in Chicken, AK. late afternoon... >From the sounds of it we will have enough gear to run a Multi-Multi station, let us just hope that the bands cooperate... It looks like we have decided on using the Alaska QRP Clubs call, KL7AQC...

We will be looking for you all this Saturday... Point your antennas to the NW once in a while and remember to also listen for Jim - AL7FS just North of Anchorage... Take care and have fun this weekend...

72 - Bruce - KL7H

Alaska QRP Club - KL7AQC
Alaska QRP Club 10 Meter Beacon - KL7AQC / BCN - 28.282.28
Alaska QRP Club Web Site: <http://www.ptialaska.net/~bhopkins/akqrp/>

Date: Thu, 22 Apr 1999 13:58:53 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <radman@best.com>, "'QRP-L via PoP3'" <qrp-1@lehigh.edu>
Subject: [38756] AW: Funkamateur PA
Message-ID: <000701be8cb9\$3c6bf8e0\$ae689fc1@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Ok, because I think the answer to Conrads question is of common interest, I put it to the list as well.

Hi Conrad,
you can be sure.

After receiving the mail, I stepped down to my car, took the SIERRA box and did some measurements. (The Sierra bag has been in the car since Xmas :-) for portable use.

To make it more comparable, I measured the RMS using a commercial RF Voltmeter. Normally I use a Thermal Wattmeter (BTW, this is an actual DL-QRP AG Project: Thermal Wattmeter 1 to 50 MHz 1 to 10 Watt)

Power supply has 13,8 Volt breaking down to 13,2 to 13,4 Volt depending on the current.

| | | |
|-----------|--------|------------|
| 1,83 MHz | 23,0 V | 10,58 Watt |
| 3,56 MHz | 21,9 V | 9,59 Watt |
| 7,03 MHz | 21,5 V | 9,25 Watt |
| 10,11 MHz | 20,8 V | 8,65 Watt |
| 14,06 MHz | 20,0 V | 8,0 Watt |
| 21,06 MHz | 15,0 V | 4,5 Watt |
| 28,06 MHz | 18,5 V | 6,85 Watt |

At 21 MHz the Bandmodule seems to be missaligned, but there is no time in the moment to adjust it.

It is not very comparable to measure the Voltage at the PA Input because without an LowPass filter the driver output shows some high level harmonics (1st, 2nd and third) on the analyzer. MY SIERRA is complete unmodified up to the driver stage. I use another 56 Ohm resistor at the PA End of the RG174 (soldered 56 ohm direct between PA Input port and PA ground. Don't remember exactly, why I did it, I only remember that I did some experiments, maybe I forgot to resolder the R :-))

So, that's what you can expect at least

Using a clean signal Generator as Input device we measured exact 30 dB +/- 1dB gain at different PA's

72 de Peter, DL2FI

-----Urspr ngliche Nachricht-----

Von: radman@best.com [mailto:radman@best.com]

Gesendet am: Donnerstag, 22. April 1999 20:54

An: Peter_DL2FI@csi.com

Betreff: Re: Funkamateu PA

Hi Peter,

I've been following this short thread. I'm very interested in building a Sierra (now that my K2 is done) and I would *certainly* want to install the Funkamateu PA to boost the RF output.

Question for you: Can I expect 8.5-9.5 watts at 1.8MHz and an honest 5 watts at 28 MHz?

Thanks in advance,

Conrad Weiss - NN6CW

From: Peter Zenker <Peter_DL2FI@csi.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: AW: Funkamateur PA
Date: Wednesday, April 21, 1999 11:09 AM

Steve, the PA has absolute no current, if you are in transmit mode, but I am sure, your solution to connect 12V is the better one.

The 5 or 6 PA I assembled by myself all give between 8.5 Watt and 9.5 Watt from 1800 kHz to 52 MHz at 13,8 Volt power supplies, the same has been reported by other OM. Whats about your driver power? The PA needs abt 250 mV RMS RF at 50 Ohm. Those PA with less power most had problems with the transformers.

Peter

-----Urspr ngliche Nachricht-----
Von: owner-qrp-1@Lehigh.EDU
[mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag
von Steve Sorrell
Gesendet am: Donnerstag, 22. April 1999 03:40
An: Low Power Amateur Radio Discussion
Betreff: Funkamateur PA

Date: Fri, 23 Apr 1999 05:37:36 -0400

From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Amateur Radio" <qrp-1@Lehigh.edu>
Subject: [38757] Fw: Congratulations 160 meter QRPers
Message-ID: <01be8d6c\$ec1a8d20\$LocalHost@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy,

Congrats to WK3I, KU7Y(Ron), and all the QRP'ers who jumped in on the 160M contest. WOW! Over 100K by a QRP in the 160M is really awesome. I guess this is my favorite contest.

Mike asked about the antennas, so I thought I would let you know my setup. My antenna for 160M is a quarter wave with the a vertical portion of 60 ft. Also have 16 1/10 wave radials which at present are elevated 10 ft. I call my antenna the "Limestone Lamblaster" since it is erected over solid limestone. Read somewhere that limestone is a good rf reflector but do not know that for a fact.

Jump in on the next one and you will be surprised at what QRP can do on 160M. It oughta be against the law to have so much fun. See you in the next one Ron. I think NV and AK are the only two I like for WAS on 160M.

72..Dan,N4ROA

-----Original Message-----

From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, April 22, 1999 5:06 PM
Subject: Re: Congratulations 160 meter QRPers

>On Thu, 22 Apr 1999, Michael A. Gipe wrote:

>

>> PS: Now guys, tell us about the antennas you used.

>

>First let me congratulate WK3I on his great score! Over
>100,000 points for the first time ever by a QRP station!

>

>It was interesting to see that we have the same antennas.
>My inverted vee also hangs off my tower at a about the 70'
>mark. The ends are lower.....about 10-15' above the ground.
>
>I was also running 5w.
>
>Only 4 states needed for 160m QRP WAS, something that I never
>thought could be done from the west but no I know better! :-)
>
>160m QRP is a lot of fun. I hope more of you will be there
>this fall.
>
>cul,
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>

Date: Fri, 23 Apr 1999 05:50:04 -0400
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [38758] Mobile Power Wiring - Wrong List, Sorry
Message-ID: <001201be8d6e\$f3980da0\$12960318@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If my message about wiring radios in vehicles seems out of place it is. It
was ment for another list.
Sorry!

Brian

Date: Fri, 23 Apr 1999 06:52:22 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>

Subject: [38759] New Rig Today! FT-100
Message-ID: <Pine.OSF.3.95.990423064741.24070B-1000000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will be picking up a Yaesu FT-100 today!

Since I have not seen any comments on QRP-L regarding the FT-100, I'll keep you posted as to it's QRP-ability.

Everyone is familiar with these new whiz-bang mini rigs, like the 706 and TS-50. They are real power hogs on RX so I'm (frankly) not expecting too much.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 23 Apr 1999 07:04:28 -0400
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'qrp-l'" <qrp-l@lehigh.EDU>
Subject: [38760] QRPTTF PA ops.
Message-ID: <01BE8D57.922AC420@default>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Gang,

The North Penn ARC qrp club will be operating Whiskey 3 Big Thunder = Noise from the grand canyon of eastern PA known as Erwinna. Close to the = Delaware River and New Jersey, but not close enough. Close to a Taco = Bell - well mebbe 15 miles, but not close enough. Close to the County = line but not close enough. HOWEVER, if you are a QRP'er, it's the next = thing to heaven which should qualify us for the 2x multiplier PA/God's = Country.=20

Will probably be running the full 5 watts allowed from down in this = hole and be looking for you on 40, 20, & 15. Might try 10 if time = allows. Ops will be KA3WMJ, W3PNL, KA3K and N3YSI. If you're looking to = work that heavenly state - don't forget us.

72 de n3ysi

Paul in Quakertown, PA
Too many nr's, so little time
dit dit

Date: Fri, 23 Apr 1999 07:09:05 EDT
From: Mercxx@aol.com
To: cw@qth.net
Cc: qrp-l@lehigh.edu
Subject: [38761] Kitano Keys
Message-ID: <4e213fa1.2451aed1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Does anyone have any information on Kitano keys? Pictures? I would appreciate any information that is available. Thanks in advance.

73s
Steve
N4TKP
FISTS 4922
QRP-L 1763
G-QRP 10248

Date: Thu, 22 Apr 1999 19:50:09 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [38762] PC-9000, First Impressions
Message-ID: <371FB5B1.4564@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Several days ago I received my Patcomm PC-9000 transceiver along with the 6-meter FM module installed. The serial number of my unit is 27039C0004 (probably meaning number 4). The unit covers all HF amateur bands plus six meters with the output power of 5 or 40 watts in the CW, USB, LSB and FM (six meter only) modes.

I was able to make a cursory checkout only in the QRP (5-watt) position because my power supply is good only up to 5 amps. Aslo, so far, I did

not delve into the 6-meter band.

I have quality equipment only for measuring power; therefore, I limit myself to those measurements and general impressions.

| BAND | POWER OUT (50 ohms) |
|------|---------------------|
| 10 | 5.0 w |
| 12 | 5.0 w |
| 15 | 5.0 w |
| 17 | 5.0 w |
| 20 | 5.0 w |
| 30 | 5.0 w |
| 40 | 4.8 w |
| 80 | 4.8 w |
| 160 | 5.0 w |

Current consumption is 3.44 amps (with 13.8 vdc)

The ergonomics are somewhat unconventional and it takes time to get used to it, however, after a while, it grows on you. So far, and considering the price, I rather like it.

What I like:

All metal cabinet and quality construction throughout.

Microphone and power cable provided.

Nice operating manual.

Very unique and easy to use filter.

Good QSK.

What I don't like:

A warning that the unit will operate properly only between 13 and 15 volts (mine works FB with a voltage as low as 11.5 volts).

No schematic nor internal adjustment procedures.

Lots of "birdies."

Hard to read meter.

Poor ventilation (unit gets quite warm even in receive mode)

after a while).

Hope this helps.

73, de Joe, K3CHP
Riverkale, MD

Date: Fri, 23 Apr 1999 08:32:07 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [38763] TTF
Message-ID: <37206847.39FFFDA7@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will be doing TTF from my local Taco Bell in Waterford, MI. Will be trying out a new set up. I am planing to use my stock NC20 with a tree mounted HF ground plane right out of the handbook for 20 meters. The vertical element will use 450 ohm window line shorted at both ends. As a backup I will also have my normal camping set up, a SW40+, ZM-2 and 40 meter dipole feed with window line. Need to make a run and get some coax, cheap wire for the ground plane. Also need to pick up a sling shot and fishing reel for launching into the trees. Hope to work you all.

Ed Kwik AB8DF

Date: Fri, 23 Apr 1999 08:41:05 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [38764] Re: [Metal] Roof antenna
Message-ID: <63933@w4bkx.ampr.org>

Tim, W5FN describes his garage/office/shack metal roof... sounds like a great groundplane to feed a vertical against. A small roof-mount tripod mounted on a 4x8 sheet of plywood with PVC insulators in the pipe mounting holes... a hole in the plywood at the center near the bottom of the radiator... Hmmm.... I'm thinking... anyone smell smoke? <grin>

de Scott / W4PJ

P.S. My 1st antenna as a Novice was a Butternut HF-6V mounted on the carport roof. Tripod, push-up pole, radials doubling as guys...worked 258 DXCC with it.

Date: Fri, 23 Apr 1999 13:11:45 +0100
From: Rogerio Gonzaga <gonzaga@med.up.pt>
To: qrp-l@Lehigh.EDU
Cc: carpentt@citrine.indstate.edu
Subject: [38765] MFJ 9420
Message-ID: <3.0.5.32.19990423131145.00912100@mail.med.up.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, Todd,

Abt your question, "Does anyone have any experience with the MFJ 9420 ssb rig with the cw add on board?"

I have one of those.

"I suspect that it will need either an external or additional filter for CW use. "

You are right, it is much better as an SSB than as a CW rig. When using it in CW, I miss a narrower filter AND a RIT! A built-in keyer would be most welcome as well. Besides, after installing the CW board, I had some instability in transmitting (just in CW). I have not used it lately, but as far as I can remember, the band coverage is about 14000 to 14150 in CW, and 14150 to 14300 in SSB. It can pump out about 8 to 10 W in SSB and 5 to 8 W in CW, depending on the power supply and load. Overall it is a very pleasant little and cheap rig to take in hollydays, and it is very tough and ready. It apparently can do it the quite high SWR of the standard /P antenna systems without much trouble, but I would not suggest you to push it too hard...

"If there are any drawbacks to using the rig or disappointments"

Well, it is a compromise, but the speech processor does a good job, and it can very easily go through the QRM. I would say that it is almost ideal as a portable SSB rig (for those who like SSB), and a reasonable and rough rig to portable CW operation. Not the ultimate CW DX transceiver, of course, but while in /P we (or I) tend to be less exigent than at the home QTH, and we (or I) are more prone to chat about the location and so then to DX or

get through pile-ups. I have used from my byke as well, with a certain success. If you want to carry a good SSB/CW rig to use in the most widely used band (the 20 meters), you could hardly find a better one in its price rank.

The reason I am not using it so much is that, actually, I own a quite good collection of QRO and QRP rigs, including a HW9, an Argo 509, a QRP++, a Mizuho MX-14S and a MFJ 9020 - this one is, in my opinion, the ultimate portable CW transceiver. It brings as a standard front end filter with the right bandwidth (at least for my kind of operation), and RIT. It pumps out a solid 4W+ signal, and I have used it widely (as CT1ETT/P, F/CT1ETT/P and I/CT1ETT/P), loading almost any aerial except the bed springs. I think that its final can get any punishment except with a hammer...

" I would like to know if anyone has had some stellar successes with it too."

My only contact with S. Tome Island was with this rig working in SSB, loading a trapped vertical (CP5 from Diamond). I just had to slip "ETT/QRP" when the pile-up has lowered down and I have just eard "the QRP station, please go ahead". Of course I have the QSL card... I have plentry of other less dramatic DX worked with this toy.

I hope this is usefull.

72 de Roger, CT1ETT

Date: Fri, 23 Apr 1999 10:00:17 -0400
From: Chuck Leskie <cleskie@um-f1.umd.umich.edu>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [38766] RE: MFJ 9420
Message-ID: <37207CF0.F5420BA0@um-f1.umd.umich.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't have a 9420, but I do have a 9440 (same rig for 40m). I really like the little rig, but I decided to not get the cw adapter for it. Instead I picked up a MFJ 9040 cw rig. The 9040 is a much better option for cw and it's

not really much more baggage to carry both rigs around when camping and such. I bought both rigs new, but I have seen the cw rigs at swaps for 90 or 100 bucks. If memory serves me, I think the cw adapter for the MFJ ssb rig is around 40 bucks. You can order the metal mating plates and a carrying handle from MFJ and strap the two rigs together. Thats what I did and then added the matching tuner. It' a neat little set up.

Chuck KG8ZH

Date: Fri, 23 Apr 1999 06:26:09 -0400
From: Jim Lyons <lyons@canada.com>
To: rohre@arlut.utexas.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38767] Re: Ballantine Scope and Counter
Message-ID: <3.0.5.32.19990423062609.008167b0@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I got thhe following prompt reply from Ballantine regarding my AN/USM-398 scope.

Re: 1042A Dual Trace Oscilloscope Manual

Thank you for visiting our web site. The instruction manual which includes parts list, schmatics, calibration and troubleshooting is P/N 90-10233-5. The cost is \$100.00 and would have a 2 week delivery after receipt of order.

The manual would cost me considerably more than the scope did ! However, it shows Ballantine still support their older gear and reply to queries quickly.

Jim Lyons, VE2KN
Montreal

At 05:26 PM 4/22/99 -0500, rohre wrote:
>For the folks looking for information on Ballantine instruments. The 5500 is

```

>a very nice counter for RF design work!
>
>The military nomenclature scope was probably this civilian model as listed in
>FSN government lists. Looks like whichever exact model it is, it has
adequate
>bandwidth for QRP constructors use.
>
>72, Stuart, K5KVH
>-----
-----
>To: rohre
>From: celbel@ctesc.net on Wed, Apr 21, 1999 5:40 PM
>Subject: Re: bballantine counter
>
>hi stuart,
>
>there is an 'Autometronic 5500B 110 MHz counter in the catalog.
>price for 5500B autometronic 1110mhz 8 digit counter-timer....$ 795
>option 35 freq. range extended to 1 GHz.....$ 385
>~~~~~
>Sensitivity....25 mV rms sine wave0-2 MHz
>                50 mV rms sine wave 2-10 MHz
>                100 mV rms sine wave 10-100MHz
>                (Channel A only).
>                165 mV rms sine wave 100 to 110 MHz
>                (Channel A only).          ("yes, channel A")
> Channel A, 0.3 V peak-to-peak pulse, 7 nsec min pulse width.
>
> Channel B, 0.3 V peak-to-peak pulse, 50 nsec min pulse width.
>
>~~~~~
>SCOPES....
>SERIES 1020 MINI-PORTABLE single/dual-trace
>
>1024A mini-portable
>dc and ac to at least 25mhz (-3dB)
>
>1022A mini-portable
>dc and ac to at least 15mhz (-3dB)
>
>1032A bench/portable
>dc to 25 mhz dual-trace
>
>1040A portable
>dc to at least 40 mhz (-3dB)
>~~~~~
>there is a price list insert in the front of the booklet. however, the
>pricing is DOMESTIC USA effective february 1, 1984.

```

>
>-----
>the GSA LIST was not found in the booklet
>
>-----
>
>next?
>
>
>
>

Date: Fri, 23 Apr 1999 08:37:57 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: John Moriarity <k6qq@hdo.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38768] Re: Newsgroups and Email Reflectors
Message-ID: <Pine.LNX.3.95.990423083704.18745J-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

SCR522?....wow the memories rush in!....that's what I used for 2 mtrs at
the start.....I can still "see it"....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

On Thu, 22 Apr 1999, John Moriarity wrote:

>
>
> >I'm just a wee young pup, but I do remember using
> >10m AM as the local area gathering place in the eve's!
> >
> Hey Ron,
>
> Did you use a converted SCR-522 too??
>
> 72,
>
> John, K6QQ
>
>

Date: Fri, 23 Apr 1999 09:37:14 -0400
From: Joseph Trombino Jr <joebarb@wilmington.net>
To: QRP-L@LEHIGH.EDU
Subject: [38769] NC20 prob and the lowly bypass cap
Message-ID: <3.0.1.32.19990423093714.00a871b4@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Gang:

My previous posting to the list about the NC20 RX problem and the lowly bypass cap should have read "10db" change in sensitivity vice 30db...I suspect it was actually more than 10db because I could just barely hear my sig gen at minus 120db....I got a more measurable audio level at minus 100db (still 30-35 db down from the NC20 spec).

Believe there was a posting a while back that described how to do receiver sensitivity tests...perhaps the poster could repost to the list the procedure for doing same.

Regards, Joe W2KJ

Date: Fri, 23 Apr 1999 10:33:15 -0400
From: Bill Nicolson <n2wf@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38770] Contest Software
Message-ID: <372084AB.213EFED2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm looking for some contest software (to Buy) and have been using Log-EQF as a general logging software. What does CT, NA or TR have to offer above Log-EQF?? What's the hot setup for field day??
thanks Bill N2WF

--

Bill Nicolson N2WF Email: n2wf@erols.com
QTH: 38 Tanglewood Lane Colonia, NJ 07067-3036
NJQRP#68 FISTS#2016 NorCal#2098 QRP-L#955 ARS#332

Date: Fri, 23 Apr 1999 08:35:35 -0600
From: "Steven K. Anspach" <spach@ida.net>
To: qrp-1@Lehigh.EDU
Subject: [38771] Test
Message-ID: <3.0.1.32.19990423083535.0071fce8@ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Fri, 23 Apr 1999 10:36:41 -0400
From: Jim Lyons <lyons@canada.com>
To: qrp-1@lehigh.edu
Cc: qrp-canada@gpfn.sk.ca
Subject: [38772] Spring Bouquet in Quebec
Message-ID: <3.0.5.32.19990423103641.00858a10@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As scheduled I'll be operating around 7040 Saturday 24th from 13:00 - 15:00 UTC, 9:00 - 11:00 EDT.

I'll be using a 751A at 5 watts with a 500 Hz filter and also have a W9GR available to handle the terrible powerline QRN at this QTH.

The TTF operators who set up early will have a chance to pick up some QUE spring flowers.

I'll be using "QUE" as the province abbreviation and my qrp-canada number is 25.

72,

Jim Lyons, VE2KN
Montreal

Date: Fri, 23 Apr 1999 08:51:10 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [38773] Spring Bouquet
Message-ID: <Pine.LNX.3.95.990423084638.20626A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

VE5QRP will be on this weekend for the Ontario QSO Party and the QRPTTF event....if we work each other let's also make it for the Spring Bouquet Prairie Lilly contact if you wish...I'll be on 40,20,15 & 10 mtrs but from what I've been reading about propagation, it'll be 20, 40 mtr and probably mainly 20 mtrs....I'll be staying around the qrp freqs and using both ssb and cw....good luck to everyone and have fun!

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

Date: Fri, 23 Apr 1999 07:45:21 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: n2wf@erols.com
Cc: qrp-l@lehigh.edu (qrp)
Subject: [38774] Re: Contest Software
Message-ID: <199904231445.HAA01908@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bill,

For cw contesting, there is nothing better then TR. Great support, and very flexible. Can be configured for the qrp contests etc.

cheers, Paul VE7CQK/email: paule@sfu.ca

>
> Hi Gang,
>
> I'm looking for some contest software (to Buy) and have been using
> Log-EQF as a general logging software. What does CT, NA or TR have to
> offer above Log-EQF?? What's the hot setup for field day??
> thanks Bill N2WF
> --
> Bill Nicolson N2WF Email: n2wf@erols.com
> QTH: 38 Tanglewood Lane Colonia, NJ 07067-3036
> NJQRP#68 FISTS#2016 NorCal#2098 QRP-L#955 ARS#332
>

Date: Fri, 23 Apr 1999 07:51:10 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [38775] Spring Bouquet in B.C.
Message-ID: <199904231451.HAA02397@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Everyone,

I will be passing out Dogwoods (don't blame me, I didn't pick our provincial flower... actually it is a lovely flower despite the name) on Sunday from 1900-2100z on 20m cw.

I may do the same thing saturday, but am awaiting Earl's permission. Will confirm that later tonight.

Hope to work you all.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Fri, 23 Apr 1999 09:05:48 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [38776] Spring Bouquet-Sunday-
Message-ID: <Pine.LNX.3.95.990423090259.21344C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will also be on Sunday from 1900-2100Z 14.060 Mhz +/- a bit same as Paul, VE7CQK, but keeping clear of his op freq....so you might get the Dogwood (I like the name Paul!) and the Prairie Lilly....hope so....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

Date: Fri, 23 Apr 1999 11:09:56 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: n2wf@erols.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38777] Re: Contest Software
Message-ID: <4.1.19990423110746.0198b4b0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:33 AM 4/23/99 -0400, Bill Nicolson wrote:

>Hi Gang,
>
>I'm looking for some contest software (to Buy) and have been using
>Log-EQF as a general logging software. What does CT, NA or TR have to
>offer above Log-EQF??

They all three cater to contests rather than "general logging". I believe all three of them can be imported into most all the popular general logging programs either with a direct import or via ADIF. NA supports QRP-ARCI contests. NA & TR are customize-able for other contests. CT is not. CT can be used with ethernet. All three support the "major" contests.

>What's the hot setup for field day??

All three support Field Day very well as they come in the box, or on the disk.

The fourth contest logging software is WriteLog. It runs under, and is supported very well by the features of, Windows 95/98/NT and appears to be very configurable, although I haven't used it long enough to say for sure. It and NA support RTTY, and WriteLog supports PSK31. Digital support on both is from the sound card.

CT <http://www.contesting.com/ct/>
NA <http://www.contesting.com/datom/>
TR <http://www.qth.com/tr/>
WriteLog <http://www.contesting.com/writelog/>

All three have reflectors on <http://www.contesting.com>

Contest logging programs are like wives. The users are fiercely loyal to the one they use. Make that "to the one they have!"

73 Hank K8DD

include <std_disclaim.h>

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS http://www.tir.com/~k8dd
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Fri, 23 Apr 1999 10:14:33 -0500
From: Karl.Kanalz@optelinc.com
To: qrp-1@Lehigh.EDU
Subject: [38778] Accessing Amidon
Message-ID: <8625675C.00541252.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Is it just me, or am I not holding my mouth the right way
when I try to call Amidon's 800 number to place an order?

It rings, and rings and rings and

No answer!

I've been using the 800 number they had posted on their
web site. Does anyone out there have an effective (working)
number for them?

TIA!

Karl K - W8TIF
McKinney, Texas

Date: Fri, 23 Apr 1999 11:30:59 -0400
From: wgabriel@dukeengineering.com
To: qrp-1@Lehigh.EDU
Subject: [38779] Toroid Turns Calculation Link?
Message-ID: <8525675C.0054C663.00@dpinet01.dukepower.com>

Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Could someone send me or re-post the link to where there was an online application to calculate the turns needed on a specified toroid for a given inductance? A downloadable piece of software would be just as good too.

I've misplaced or lost my link on that one and others might like a refresher too.

Thanks - Watson/WB4EXW

Date: Fri, 23 Apr 1999 11:44:56 -0400
From: wgabriel@dukeengineering.com
To: qrp-1@Lehigh.EDU
Subject: [38780] CORRECTION - On Toroid Calculator Question
Message-ID: <8525675C.00560DC3.00@dpinet01.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I should have been more specific. I know about the application on the NorCal page and another in the UK. These don't do calcs for mixes like 15, 17, and 26, which I was looking for. Anyone know a place for an application that will do these?

Thanks - Watson/WB4EXW

Date: Fri, 23 Apr 1999 08:40:12 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: w4bws@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [38781] Re: Newsgroups and Email Reflectors
Message-ID: <Pine.BSI.3.96.990423083847.14132G-1000000@usr01.primenet.com>
MIME-Version: 1.0

On Thu, 22 Apr 1999 w4bws@juno.com wrote:

This group is. A couple of others aren't, and I've unsubscribed from them. Too much pseudo-science and flim-flam. What bothered me most was that people were just eating it right up and denouncing everything else. Sad.

[illegible]

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Fri, 23 Apr 1999 08:40:11 -0700
From: "Gary Ingram" <kb7fci@cidsnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
<wgabriel@dukeengineering.com>
Subject: [38782] Re: Toroid Turns Calculation Link?
Message-ID: <003c01be8d9f\$944ddd80\$21841ad0@GaryIngram>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like that site also.

Thanks,

72/73

Gary Ingram QRP-L #1518; NJQRP #184; QRP-C #105; 10-10 #657.74

Merlin, Oregon

<http://home.cdsnet.net/~kb7fci/>

-----Original Message-----

From: wgabriel@dukeengineering.com <wgabriel@dukeengineering.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, April 23, 1999 8:36 AM

Subject: Toroid Turns Calculation Link?

>

>

>Could someone send me or re-post the link to where there was an online
>application to calculate the turns needed on a specified toroid for a given
>inductance? A downloadable piece of software would be just as good too.

>

>I've misplaced or lost my link on that one and others might like a
refresher

>too.

>

>Thanks - Watson/WB4EXW

>

>

>

Date: Fri, 23 Apr 1999 11:50:52 -0400 (EDT)

From: Bob Patten <n4bp@bc.seflin.org>

To: Paul Erickson <paule@sfu.ca>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [38783] Re: Contest Software

Message-ID: <Pine.3.89.9904231122.C25668-0100000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 23 Apr 1999, Paul Erickson wrote:

>

> For cw contesting, there is nothing better then TR. Great
> support, and very flexible. Can be configured for the
> qrp contests etc.

>

Naw, NA is the best and also supports the ARCI scoring format. Uses "templates" to configure it to about any contest. And easier to learn than TR. :-)

Seriously, they're all good. As with any toys, whatever you buy, learn, and use will end up being the best there is in your eyes...

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Fri, 23 Apr 1999 11:00:19 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [38784] more QRP rig carrying cases
Message-ID: <3.0.2.32.19990423110019.006c4b28@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I have found plastic cases with trimmable foam inserts also sold as pistol carrying cases in sporting goods depts at stores like K-mart, etc. Slightly bigger, room for that K-2, tuner, cables, key, etc etc. Made by Daskocil of Arlington, Tx , abt 11x14x5 in. inside. My Ten Tec Argosy II even fits in it!

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589

Date: Fri, 23 Apr 1999 12:01:59 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Hank Kohl K8DD <k8dd@contesting.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38785] Re: Contest Software
Message-ID: <Pine.3.89.9904231123.E25668-01000000@bc.seflin.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 23 Apr 1999, Hank Kohl K8DD wrote:

>

> Contest logging programs are like wives. The users are fiercely loyal
> to the one they use. Make that "to the one they have!"

>

You got that right! I've often heard on these dumb talk shows I'm forced
to watch on my TV job, that men resist change. They get used to someone
or something and stick with it, swearing it's the best there is in
spite of the many flaws it may have. :-)

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Fri, 23 Apr 1999 11:06:20 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-l@lehigh.edu
Subject: [38786] re: C F Rockey and regen recievers
Message-ID: <3.0.2.32.19990423110620.006c4b70@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Yes "Rock" is a treasure! He lives near me here in south-central
Wis, and I made a "road-trip" to visit him one day this past winter.
He and his wife are the nicest folks! Rock is quiet, unassuming,
very modest about his vast knowledge of radios and antennas,
I could have stayed for (more) hours to listen to him! He has a
tiny QRP only stn in an old cabinet he can completely close so
you won't see the gear, in his "library" in his small neat old house
in the small town of Albany, Wi. He and his wife invited me to stay
for supper! I think I actually worked W9SCH once on CW, ground
wave, when I lived in another nearby town, but have no QSL card
to show for it. Maybe I can hunt thru my 20 paper logbooks ?

He uses an Argonaut 505, a homebrew tuner with a wire antenna
strung from his chimney to all corners of his lot, and of course his
"Rockloop" which has been written up in Sprat. You have seen his articles

in many QRP publications.

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589

Date: Fri, 23 Apr 1999 10:07:32 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: wgabriel@dukeengineering.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38787] Re: Toroid Turns Calculation Link?
Message-ID: <37209AC4.1814FE15@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Try <http://www.bytemark.com/amidon/content1.htm>. Great source for cores too!

Bruce kk7zz

Date: Fri, 23 Apr 1999 09:08:41 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [38788] Convert SWR meter to UHF ?
Message-ID: <19990423160841.4935.rocketmail@web705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a GC Electronics SWR meter and a Vanco SWR-2 SWR/Wattmeter. And want to convert either one for use on 436mHz.

Someone told me there was a way to modify a SWR meter by adding a cap somewhere - Is someone on the list able to help me tackle this task?

Thanks - Jim KJ5TF

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 23 Apr 1999 11:39:34 -0500 (CDT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Cc: okcham@okcforum.org
Subject: [38789] QRPTTF at WB5UDE
Message-ID: <199904231639.LAA06767@okcforum.org>
Content-Type: text

Mark, KD5AMB, and I will be celebrating QRPTTF, multi-op, at Lake Thunderbird near Oklahoma City, near the site where the Oklahoma City Astronomy Club is hosting a lunar and Lyrid meteor watch Saturday night. The original idea was to find a way to combine amateur radio with something the whole family could enjoy. It looks like Mark got luckier than I did in that way--no one else from my family will be joining in the fun. (Oh well.)

It seems there's a fair amount of overlap between amateur astronomers, and amateur radio operators. After QRPTTF ends Saturday evening, there will be a lull in the astronomy activities until it gets really dark. Mark and I are hoping to draw a large crowd of curious astronomy enthusiasts, and show 'em a little radio fun!

This will be my first QRPTTF, and I have a question: What sort of CQ's should I expect to hear, and/or send myself? CQ QRPTTF seems a bit cumbersome! What do people usually use?

And, I assume that frequencies near the QRP frequencies in each band would be where to listen for other QRPTTF stations?

--Jim WB5UDE

Date: 23 Apr 1999 12:24:05 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [38790] Toroids almanac
Message-ID: <1999Apr23.122405-0400@[130.113.234.7]>

homebrewers,

Bytemark has an extensive technical library on all kinds of Amidon ferrite products including iron-powdered toroids and ferrite toroids.

I've printed out a lotta their stuff, its really good. Anyone designing ham gear oughta check out this site:

<http://www.bytemark.com>

everything you wanted to know about frequency range, expected Q's, wire-winding data, temperature coefficients etc.

No affiliation, just appreciate good tech info.

-Glen VE3DNL

Date: Fri, 23 Apr 1999 09:46:39 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: John Moriarity <k6qq@hdo.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38791] Re: Newsgroups and Email Reflectors
Message-ID: <Pine.SOL.3.96.990423093414.11762B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 22 Apr 1999, John Moriarity wrote:

>
>
> >I'm just a wee young pup, but I do remember using
> >10m AM as the local area gathering place in the eve's!
> >
> Hey Ron,
>
> Did you use a converted SCR-522 too??
>

Well, that number doesn't ring a bell, but I did use a Collins MBF which ran all of 2 watts input, AM. Good ole carbon mic.

Sock (clean!) over the mic to keep the RF and AC (this was an AC/DC powered rig) from biting the lips!

Egad, how many remember the old AC/DC rigs? :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 23 Apr 1999 11:50:42 -0500
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
To: <w4bws@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38792] Re: Newsgroups and Email Reflectors
Message-ID: <000601be8da9\$77ec0ae0\$a42a0b3f@default>

Exactly the image I had ... except I thought of the old cracker barrel instead. Mike

-----Original Message-----
From: w4bws@juno.com <w4bws@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, April 22, 1999 10:16 AM
Subject: Re: Newsgroups and Email Reflectors

>I like this group because it reminds me of sitting around
>the potbelly stove at the general store

Date: Fri, 23 Apr 1999 12:53:01 -0400
From: Bob DeVarney WE1U <we1u1@banet.net>
To: qrp-l@Lehigh.edu
Subject: [38793] Keyer suggestions needed
Message-ID: <3720A56D.6546B87E@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,
I am fairly new to QRP and backpacking operation. What I'm interested in is any recommendations people may have for keyer or keys they have had good luck. I'm not real enthused about dragging a Bencher paddle into the woods, from a cost and weight standpoint. Any suggestions would be helpful.

TIA,

Bob DeVarney WE1U
ARRL VT Section Manager
AMSAT Life Member

Date: Fri, 23 Apr 1999 10:00:48 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: elecraft@qth.net
Cc: qrp-l@lehigh.edu
Subject: [38794] new K2 firmware will provide 10 CW buffers
Message-ID: <v03102800b34655862518@[206.80.9.249]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For you CW ops: The next version of the K2 firmware will have 10 message buffers rather than 3, and each buffer will be nearly twice as big (154 bytes vs. 85). We're also working on improving the way the message PLAY button works (when cancelling/re-starting messages), and there will likely be some form of message chaining.

We'll have more details on this and other changes when we ship the firmware upgrade to field testers. (This is the same firmware that will be shipped with first production run of K2's.)

73,
Wayne
N6KR

Date: Fri, 23 Apr 1999 12:11:56 -0500
From: James Parsons <k5rov@wcc.net>
To: qrp-l@lehigh.edu
Subject: [38795] Re: Newsgroups and Email Reflectors
Message-ID: <3720A9DC.F0AF2318@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I converted many SCR-522 rigs. I even made the receivers tuneable...and

that was really fun. But in 1939 we use to take type 27 tubes and remove the bases and build modulated oscillator/super regen transceivers. Now that was real QRP. The band was 112-116 Mhz (2 1/2 meters, then). And how many of you remember Leecher wires to get you on frequency?

Jim, K5ROV

James (Jim) Parsons, K5ROV USAF, Ret. Ham for 58 yrs.
k5rov@wcc.net ICQ-17012707 QCWA, NWQRP, Fists, ARRL
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Fri, 23 Apr 1999 13:32:17 -0700
From: w4bws@juno.com
To: ku7y@dri.edu
Cc: qrp-l@Lehigh.EDU
Subject: [38796] Re: Newsgroups and Email Reflectors
Message-ID: <19990423.133323.-159565.4.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes and you better not have two side by side and touch the two chassis together or with one hand on each or "your great big venture will go west".

Most often comment?- SHAZZAM!!!!

I used to put one end of a neon lamp to the chassis and the other end through an 80 K resistor to the station ground. If it lit up the plug had to be reversed to put the chassis at the neutral side of the power line.
Don W4BWS

On Fri, 23 Apr 1999 09:46:39 -0700 (PDT) Ron Stark <ku7y@dri.edu> writes:

>Egad, how many remember the old AC/DC rigs? :-)
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Fri, 23 Apr 1999 12:50:24 -0500
From: "Charles R. Ott" <k5hj@fastlane.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38797] Re: CORRECTION - On Toroid Calculator Question
Message-ID: <003e01be8db1\$c4db8080\$0100a8c0@isc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a VB Script toroid calculator on my web site at
www.fastlane.net/~k5hj/toroids.htm It does not contain all of the
available cores but you can modify the tables with any core you want. The
AL values for all of Amidon's cores can be found at
www.bytemark.com/amidon/iptcal.htm

Feel free to steal the code and modify it. It should be pretty obvious how
to add or modify the tables.

Randy Ott, K5HJ

----- Original Message -----
From: <wgabriel@dukeengineering.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, April 23, 1999 10:44 AM
Subject: CORRECTION - On Toroid Calculator Question

>
>
> I should have been more specific. I know about the application on the
NorCal
> page and another in the UK. These don't do calcs for mixes like 15, 17,
and 26,
> which I was looking for. Anyone know a place for an application that will
do
> these?
>
> Thanks - Watson/WB4EXW
>

>

Date: Fri, 23 Apr 1999 13:58:47 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: kb7fci@cidsnet.net
Cc: QRP-L@LEHIGH.EDU
Subject: [38798] Re: Toroid Turns Calculation Link?
Message-ID: <3720B4D7.475A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gary,

www.bytemark.com

Date: Fri, 23 Apr 1999 08:36:58 -1000 (HST)
From: "Mike W. Burger" <mike@gold.chem.hawaii.edu>
To: qrp-l@Lehigh.EDU
Subject: [38799] Old rigs
Message-ID: <199904231836.IAA02686@gold.chem.hawaii.edu>

I fondly remember war surplus stores. I think an entire generation of engineers was "born" in those places in the 1950's.

I can remember taping the old square microphone of a Benton Harbor Lunchbox to the front of my Ameco code practice oscillator and wrapping it in a towel so some of us could work A2 across town to practice for our upgrade to general. One "gentleman" came on and blasted us on AM phone for a long time for "illegal operation". It was quite legal for novices at that time, a little known part of the rules. It was great, using a coat hanger and connector "ground plane". Now that I think of it, those were my first QRP QSO's, on two meters, A2 modulation, rock bound. Sidetone provided by the sound leaking out of the towel. High Tech.

Date: Fri, 23 Apr 1999 15:23:17 -0400
From: Laura Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu

Subject: [38800] Re: Suggestions for small QRP transceiver
Message-ID: <3.0.6.32.19990423152317.007a9580@madrox>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've been thinking about this too. My TS-120V is incredibly cute, but a bit big and heavy (not to mention power-hungry) to throw in one's backpack. While my initial motivation (public transit strike -> buying a bike -> bike mobile) is no more, the idea remains.

My result is likely to be a Heinz 57 assemblage of bits from various published designs. I'll flip a coin and probably settle for 15 meters, which means either a VX0 or diode frequency doubler. I'll play a bit with some active mixers that I can run directly off the doubler - the junkbox contains NE602, AD607 (most of the radio...) and SL6440.

All three involve a tradeoff between IP3 and power consumption (explicit with the SL6440). So be it.

Output devices seem to be a piece of good news. I recently bought some 2SC2166 T0-220 bulletproof 5 watts up to 30 MHz transistors, made for the finals of CB radios. In production, cheap, and likely to remain that way. Data sheet online from Mitsubishi. Available from all the usual sources - I bought mine from Mainline in England.

Laura Halliday VA3LDH "Que les nuages soient notre pied
Grid: FN03gs a terre..." - Hospital/Shafte

Date: Fri, 23 Apr 1999 12:44:42 -0700
From: "Radman" <radman@best.com>
To: <n6kr@elecraft.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38801] Re: new K2 firmware will provide 10 CW buffers
Message-ID: <199904231942.MAA28728@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wayne,

Nice going on the 10 message buffers! This will *really* be welcomed by those of us who are serious CMOS-3 users! While the K2 still requires a "two button" process, this

is a vast improvement over 3 buffers -- especially for CW contest work.

73,

Conrad -- NN6CW

From: Wayne Burdick <n6kr@elecraft.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: new K2 firmware will provide 10 CW buffers
Date: Friday, April 23, 1999 10:00 AM

For you CW ops: The next version of the K2 firmware will have 10 message buffers rather than 3, and each buffer will be nearly twice as big (154 bytes vs. 85). We're also working on improving the way the message PLAY button works (when cancelling/re-starting messages), and there will likely be some form of message chaining.

We'll have more details on this and other changes when we ship the firmware upgrade to field testers. (This is the same firmware that will be shipped with first production run of K2's.)

73,
Wayne
N6KR

Date: Fri, 23 Apr 1999 13:46:29 -0600
From: "Jay D. Hall" <jaydhall@worldnet.att.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [38802] Fw: (fwd)
Message-ID: <001701be8dc1\$fbffc340\$6b494a0c@jaydhall>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A man goes to visit his 85-year-old grandfather in the hospital. "How are you grandpa?" he asks.

"Feeling fine," says the old man.

"What's the food like?"

"Terrific, wonderful menus."

"And the nursing?"

"Just couldn't be better. These young nurses really take care of you."

"What about sleeping? Do you sleep OK?"

"No problem at all --- nine hours solid every night. At 10 o'clock they bring me a cup of hot chocolate and a Viagra tablet ... and that's it. I go out like a light."

The grandson is puzzled and a little alarmed by this, so rushes off to question the Nurse in charge. "What are you people doing," he says, "Giving an 85-year-old Viagra on a daily basis? Surely that can't be true?"

"Oh, yes," replied the Nurse. "Every night at 10 o'clock we give him a cup of hot chocolate and a Viagra tablet. It works wonderfully well. The hot chocolate makes him sleep, and the Viagra stops him from rolling out of bed."

Date: Fri, 23 Apr 1999 13:48:42 -0600
From: Dave Ek <ekdave@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [38803] Toroids on sale at Tech America
Message-ID: <3.0.6.32.19990423134842.0079a920@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

The latest Tech America sale flyer (just arrived a couple days ago) showed

Amidon toroids at a significant (like half off) discount. Both single sizes and assortments were on sale.

Usual disclaimers.

72 de Dave AB0GO

Date: Fri, 23 Apr 1999 16:25:12 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [38804] Rules Change for Field Day
Message-ID: <3720D728.C25@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>From the ARRL Letter, 4/23/99

1999 FIELD DAY BRINGS RULE CHANGE, NEW PIN

Participants in ARRL Field Day--the most popular annual operating event in the US and Canada--will encounter one significant change in rules for this year's event, June 26-27. Those using batteries to power their equipment now will be able to charge them while in use. The change affects all entry classes except Class D (home stations using commercial power; home stations using emergency power, including rechargeable batteries, should enter in Class E). In the past, only Class C (mobile) stations could charge batteries while in use. As previously, batteries must be charged from a power source independent of the commercial mains.

73,
Ed Hare, W1RFI
ARRL Lab

Date: Fri, 23 Apr 1999 14:24:36 -0600
From: "Jay D. Hall" <jaydhall@worldnet.att.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [38805] Joke gone awry!
Message-ID: <001c01be8dc7\$4f378700\$bb484a0c@jaydhall>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am sorry about the joke I just accidentally sent to the list. I am not quite sure how it happened, but it did.

I do not send jokes to lists. (Except when I mess up!)

For all those who liked it, I am glad.
For all those who did not like it. I am embarrassed like you would not believe!

I hope it will not happen again....

Jay

WA6MOK

Date: Fri, 23 Apr 1999 16:21:24 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: rcmcc@lucent.com, qrp-1@Lehigh.EDU
Subject: [38806] Re: Bearings, distances, grids, MUFs, etc.
Message-ID: <19990423.162814.-139497.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ron -W2IOL- and Group,

Ron, at your suggestion, I gave it (GCGC) a try (wow, thanks for the heads-up).

WOW, I like it, nice job, quick and easy, I love the no sign (+ / -)
Lat/Long format...
AND then a "SHIFT + PRINT SCREEN" will dump the whole 9-yards to the printer, and you can keep on "truckin".

All I did was print the "Readme.1ST" file then store my latitude and longitude into the first line of the "home.dat" file and I was off and running. Thanks again...

Group,

Ron said to me >>"..... I will put an "official" announcement on qrp-l.
In the meantime, feel free to pass the package on to anyone who is
interested."<< GCGC is freeware see below.

So this is not an "official" announcement, I want to toot Ron's horn a
bit and give a pat on the back to his editors and BETA testers.
Congratulations, a job well done.

Gang be sure to print the "Notes.txt" file too, wow.

John
N3AAZ
FM19xa
.

On Mon, 19 Apr 1999 13:56:25 -0400 Ronald McConnell <rcmcc@lucent.com>
writes:

>
>Hello, John, Stevejk re: >>Miles per watt question (PSK31)<<
here on qrp-l... 15 apr 99 between Steve, N4EUK, QRP ARCI Awards Manager
and me....jk.....

>
>I have a DOS great-circle/MUF program that I am close
>(01 May?) to releasing as freeware that you may want to try.

>
>It does:
>
> great circles: bearings, distances
> ellipsoidal earth models (US NGS) (like the fine W9IP BD.exe
> except with a choice of Clarke 1866 or WGS-84 models)
> magnetic bearings (US DoD World Magnetic Model)
> MaxiMUF (NM7M) flux or spots in, tables and plots out
> lat/long/grid-locator input/output
> deg, deg/min, deg/min/sec, aa, aa##, aa##aa
> screen &/or file output
> DOS command line or file input

>A DOS command line like

>
> g 51.5 n 0 e 130 f

>
>will yield bearings, distances, MUFs from your qth
>to Greenwich, England for a flux of 130,
>if you have added

>
> N 39 3 W 76 3 for 204 Holly Street

>

>or
>
> 27 55.3 N 81 47.7 W for 3630 E Gandy Rd
>
>(from DeLorme Street Atlas).
>
>to the little ASCII file "home.dat"
>as the first line. (lat/long or grid will work with lat/long
>being able to carry more precision)
>
> g f 150 w 0 n 51 30
>
>is equivalent to the command line above.
>
>Flexible input format was a major goal:
> or "Easy for humans, not easy on the computer."
>
>If you are interested, you can download a copy from
>
> <http://home.adelphia.net/~nj2dx/hoarc/gcgc9900.zip>
>
>I don't think "juno.com" can take attachments, otherwise
>I could attach a nearly finished package (about 262K) to an email
>if you have problems downloading it. It was slow (about 1k/s)
>the other day for some reason. We can always
>do floppy disk.
>
>Unzip the package into its own directory
>since there are several files.
>
>The program is done and debugged (famous last words,
>at least until the next set of bells and whistles introduce more
>bugs),
>I'm just finishing documentation cleanup to catch up
>with the program.
>
>You will see that there is a DX data base included.
>For now there is no direct link between the DX data
>and the great circle/MUF program. It takes two commands
>to first retrieve a prefix, country or city into a file "input.dat"
>and then run the great circle program. A direct link
>is the next thing on the list of things to do
>when I can find the round tuits.
>
>In a week, or more likely two weeks, I will put an "official"
>announcement on qrp-l. In the meantime, feel free to pass
>the package on to anyone who is interested.
>

>I will be out of email contact within the hour until
>next Monday, April 26.
>
>Cheers, 73,
>
>Ron McConnell, w2iol
>
>rcmcc@lucent.com
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 23 Apr 1999 14:36:56 -0600 (CST)
From: Bill Down <ve5hq@gpfn.sk.ca>
To: QRP-C <qrp-canada@lists.gpfn.sk.ca>
Cc: QRP-L <qrp-l@lehigh.edu>, Bill Down <ve5hq@gpfn.sk.ca>
Subject: [38807] bow-K
Message-ID: <Pine.LNX.3.95.iB1.0.990423141729.16931D-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well...not a bad run this time. Seems 20m is being more co-operative
than 15 lately. Sorry I didn't get the ones that may have been there. I
swept from East to West and gave each area abt 5 minutes at a time before
moving. Was picking up stns off the side es rear of the beam, so had
chance to move around to them. Seemed to be working good on the beam
today. Dipole definately not cutting it near as well.

Log for VE5HQ...April 23/99 Running 5-10watts

| Time/z | Call | name | Rst/out/in | Qth | Qrp-C/pwr |
|--------|----------|-------|------------|-----|-----------|
| 1710 | WN6HYX | Mary | 57 57 | Ca | #51 |
| 1715 | VE3FUL | Ted | 58 58 | Ont | #75 5w |
| 1727 | W7DQH | Paul | 55 56 | Wa | 10w |
| 1725 | WB6RER | Bob | 57 59 | Az | QRO |
| 1735 | AC7Q | Joe | 55 59 | Az | 5w |
| 1742 | N6PYW | Doug | 57 57 | Ca | 6w |
| 1747 | WB7UBB/m | Brian | 55 55 | Az | 100w |
| 1750 | KA7THA | Mike | 58 59 | Tx | 500w |
| 1825 | N2RXX | Howie | 55 57 | Ny | 90w |
| 1858 | KC6LPL/m | Ed | 57 55 | Ca | 200w |

72, Bill
VE5HQ

Date: Fri, 23 Apr 1999 14:40:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>
Cc: Earl Murphy <earlmurf@telusplanet.net>
Subject: [38808] bow-K (fwd)
Message-ID: <Pine.LNX.3.95.990423143852.19125C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Date: Fri, 23 Apr 1999 14:37:08 -0600
From: Bill Down <ve5hq@gpfn.sk.ca>
To: Multiple recipients of list <qrp-canada@lists.gpfn.sk.ca>
Subject: bow-K

Well...not a bad run this time. Seems 20m is being more co-operative than 15 lately. Sorry I didn't get the ones that may have been there. I swept from East to West and gave each area abt 5 minutes at a time before moving. Was picking up stns off the side es rear of the beam, so had chance to move around to them. Seemed to be working good on the beam today. Dipole definately not cutting it near as well.

Log for VE5HQ...April 23/99 Running 5-10watts

| Time/z | Call | name | Rst/out/in | | Qth | Qrp-C/pwr | |
|--------|----------|-------|------------|----|-----|-----------|------|
| 1710 | WN6HYX | Mary | 57 | 57 | Ca | #51 | |
| 1715 | VE3FUL | Ted | 58 | 58 | Ont | #75 | 5w |
| 1727 | W7DQH | Paul | 55 | 56 | Wa | | 10w |
| 1725 | WB6RER | Bob | 57 | 59 | Az | QRO | |
| 1735 | AC7Q | Joe | 55 | 59 | Az | | 5w |
| 1742 | N6PYW | Doug | 57 | 57 | Ca | | 6w |
| 1747 | WB7UBB/m | Brian | 55 | 55 | Az | | 100w |
| 1750 | KA7THA | Mike | 58 | 59 | Tx | | 500w |
| 1825 | N2RXX | Howie | 55 | 57 | Ny | | 90w |
| 1858 | KC6LPL/m | Ed | 57 | 55 | Ca | | 200w |

72, Bill
VE5HQ

Date: Fri, 23 Apr 1999 16:43:05 -0400
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38809] Re: more QRP rig carrying cases
Message-ID: <3720DB59.F1B494BE@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had been looking at camera and walkman style cases at Walmart and K-Mart and such. All kind of expensive.

Walked into a couple of cheap stores the other day marketing insulated lunch bags/boxes/sacks in lots of sizes and shapes. Price was 6-10 dollars. Much better.

See, think food and all is right with the world!

David,n2zhy
Princeton,NJ

Date: Fri, 23 Apr 1999 16:05:16 -0500
From: Bill Schiller <schiller@cherokee.nsuok.edu>
To: w4pj@w4bkx.ampr.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38810] Re: [Metal] Roof antenna
Message-ID: <3720E08C.940BDA21@cherokee.nsuok.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

One of my current antennas is a Butternut HF6 mounted on a 30ft X 30ft metal barn and it works VRY FB!!
Bill KJ5CI

Date: Fri, 23 Apr 1999 14:29:25 -0600

From: tom whalen <wb5qyt@eFortress.com>
To: we1u1@banet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38811] Re: Keyer suggestions needed
Message-ID: <3720D825.205C@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob DeVarney WE1U wrote:

>
> Hi All,
> I am fairly new to QRP and backpacking operation. What I'm interested in
> is any recommendations people may have for keyer or keys they have had
> good luck. I'm not real enthused about dragging a Bencher paddle into
> the woods, from a cost and weight standpoint. Any suggestions would be
> helpful.
>
> TIA,
>
> Bob DeVarney WE1U
> ARRL VT Section Manager
> AMSAT Life Member

I think the best bang for the buck is the Whiterook paddles and the Tick
chip from Embedded Research. Total cost about 35 bux, and money well
spent. Use mine mobile and backpacking...Really like it!!

Date: Fri, 23 Apr 1999 17:19:53 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [38812] Modern Military Communications
Message-ID: <1a726fa8.24523df9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thank you for calling the 26th Division's automated artillery support
request line.

Your call is very important to us. Please be assured
that we will attempt to assist you with all available resources in
the shortest time possible.

For close air support, please call the U.S. Air Force at 1-800-BOMBNOW.
[In enemy language: If you are a member of the [enemy country] army,
we will not be able to assist you. Please contact your own army's
artillery support request line at 1-800-DIEYANK]

If you are attacking a fixed enemy position, please press 1.
If you are engaged in strategic withdrawal, please press 2.
If you are defending a fixed position, please press 3.
If you are setting up a hasty defense or are about to be overrun,
please press 4.
If you wish to cancel a prior fire mission request, please press 5.
Press the star key at any time to return to the main menu.

Please select the type of fire mission you would like.
If you would like 81 mm. mortars, please press 1.
If you would like 105 mm. howitzers, please press 2.
If you would like advanced munitions, such as fuel-oil explosives or
scattering mines, please press 3 to speak with one of our soldier
advocates.
If you would like to request the use of chemical, biological or nuclear
weapons, please press 4 and hold the line. The Secretary of Defense
will speak with you as soon as possible.

Enter the map coordinates of the target you would like to strike,
followed by the pound sign. Please remember to verify your
coordinates and remember that your request may take several minutes
to process. [Beep-beep-beep-beep-beep-beep]

You have entered co-ordinates 323451. If this is correct, please
press 1.

Thank you. Please enter your battalion passcode, followed by the
pound sign. As soon as we verify your passcode, we will begin
processing your request. If you have forgotten your passcode, please
contact 1-800-I-FORGOT to get a temporary passcode. Please enter
your passcode now. [Beep-beep-beep-beep-beep]

Thank you. [Pause] Your passcode has been verified and your
request will be processed. Your fire mission control number is 4968377.
Please retain this number in case you need to cancel your request. We
strongly suggest that you and your comrades take cover as soon as
possible.

Thank you for using the 26th Division's artillery request support line.

Nothing like modern communications techniques over the MSE.....

Date: Sat, 24 Apr 1999 17:30:18 -0400
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [38813] SW40+ final transistor -- think I blew it
Message-ID: <19990424.173022.4214.0.andymeng@juno.com>

No it's not mine :-). I am building an SW40+ for my friend Ben KC8LHR. It is done, and in the case, it even has an internal pwr supply to plug it into the wall (I like to think it looks like a K2, but about the only similarity is the big tuning knob in middle) . While I was drilling a hole in the case for the BNC ant connector, I was dumb enough to leave the board in (kinda hard to get out). I was drilling the hole right at the RF out pad on the board, the solder lug on the BNC is about 1/4" from pad, and... you guessed it. The drill bit punched through and hit D12, splitting the lead, fortunately at the "long" end, going from the top of the diode down to the board, so I patched it with a loooong solder bridge. :-)

BUT, now I get no signal out. I believe the final transistor is bad, as there is a signal getting to the pin of the transistor, but nothing coming out. I think that if the diode was bad, it would either be open, and not doing anything (rig still tx-ing), or be closed, and it even had this problem when disconnected. Is the transistor bad? If so, where can I get another?

I won't be operating QTTF, I don't think. I am planning to be at FDIIM, though. I am going to Washington, DC in a week and a half (with my class), and I plan to be on 40 meters from there. I wanted to operate packet on the bus, but I don't have any kind of terminal (I was thinking of a pocket organizer with serial port, or an old laptop), so I guess I won't be doing that.

72/73 de KC8KFI Andy
QRP-L #1813 Cincinnati, OH Total HF CW QRP contacts: 24
e-mail: andymeng@juno.com URL: <http://www.qsl.net/kc8kfi/>
SW-40+ running a watt or two into a Dipole at 24ft. and straight key
HTX-202, KPC-3, and roof-mounted groundplane

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 24 Apr 1999 18:11:59 -0400
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [38814] Forgot... Receiver sensitivity quite low
Message-ID: <19990424.181200.4214.2.andymeng@juno.com>

The receiver sensitivity of the SW40+ I just built seems very poor...
I used a 5K pot instead of 10K for RF gain, would this make a difference?
I have to turn it almost all the way to max gain to hear anything.

Oh, I hardly had any trouble assembling it. The biggest, dumbest one was
using .1 uF caps instead of .01 uF caps throughout some of the tx
section.
I decided to just leave it alone, after all, it worked, and I couldn't
take ANYTHING
out without having the traces lift, and then I had to put the new parts
on the bottom,
because I couldn't clear the holes... anyway, thats how my life goes. :-)
I fell in love with those little blue .1 uF caps...

Anyhow, does anyone know what the receiver sensitivity problem could be
caused
by? And yes. I did peak the transformer.

73 de KC8KFI Andy
QRP-L #1813 Cincinnati, OH Total HF CW QRP contacts: 24
e-mail: andymeng@juno.com URL: <http://www.qsl.net/kc8kfi/>
SW-40+ running a watt or two into a Dipole at 24ft. and straight key
HTX-202, KPC-3, and roof-mounted groundplane

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 23 Apr 1999 15:34:04 -0700
From: jcs4us@cosmoaccess.net

To: qrp-1@Lehigh.EDU
Subject: [38815] Kool Contact with Hilo, HI !!
Message-ID: <3.0.32.19990423153400.00ab3bd8@wingate>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Ya'All...

I was out camping the last couple days by the Salton Sea, CA.. The first nite I hooked up my Wilderness Sierra to a mobile whip on 40-meters.. Then I heard KH6B calling CQ on 7.041MHz and answered him.. He came back with a QRZ so I called again and he copied my call and we made contact... Well I was running 700-Milliwatts my match was around 4 to 1 the antenna was not resonate on the QRP calling frequency but up at 7.220MHz.. While talking with Dean I think I found out why he could here me... He is running a Elcraft K-2 at 5-watts... and using a 14-AVQ vertical.. I really think the K-2 pulled me in because I could not be radiating all that well with 700-Milliwatts into a mobile center loaded whip with a 4 to 1 match!! I want a K-2 I am convinced that they have a great receiver in them to overcome all the obsticals that I had on my end... And remember this is a field test version.. Just wait till all the bugs are worked out... I also like the Sierra it is a cool radio also, it has the KC2 keyer digital readout and still only draws 38-Milliamps on receive!!! And the ABX works great on QRM..

My Norcal 20 draws 150Milliamps on receive and it still needs a few more components installed so may still want more energy before it is done yet..

72's to All.... Alan KQ6MD

Date: Fri, 23 Apr 1999 18:30:55 -0400
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-1@Lehigh.EDU
Subject: [38816] Wiring SCAF with mini coax
Message-ID: <3.0.1.32.19990423183055.00810640@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,
I think this question has been asked and answered in this forum before but I can't find that info now. I have an OHR SCAF that distorts the sidetone somewhat when I transmit near the QRP freqs. I want to change the internal wiring to mini coax. Should the coax be grounded at both ends, one end (which?) or just use the center conductor and leave the shield as is? Thanks in advance and any help will be greatly appreciated.

72 de Rick Wz2t in the land of no Taco Bells

srichard@northnet.org

---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

End of QRP-L Digest 1435

